

# 400W~410W

Monocrystalline silicon Light weight flexible solar panel



# **Key Features**

### Lightweight

Optimized composite materials, 60% lighter at the same power

#### **Flexible**

Special manufacturing process and materials provide bending ability

## **Excellent Appearance and Performance**

Esthetics module design, no flare effect, "0" risk of micro crack

## Easy transportation and installation

Original design making it far less costly for transportation and installation

#### Customization

Customization for various senarios, high additional value

## Superior Low Irradiance Performance

Excellent low irradiance performance, increase power generation in low-light conditions like mornings, evenings and cloudy days

Quality system: ISO 9001: 2005



#### **Linear Performance Warranty**

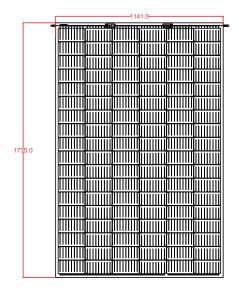


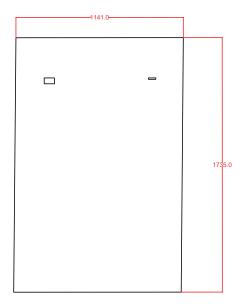
## Leading product and power warranty

12 Materials and workmanship warranty

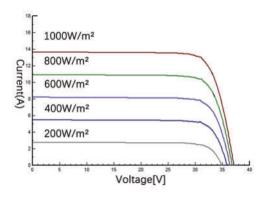
25 Linear power warranty

#### The size of module





## Characteristic Curves



## **Electrical Characteristics**

ITEM	PURES-400-F8MC	PURES-405-F8MC	PURES-410-F8MC		
Maximum Power (Pmax )	400W	405W	410W		
Maximum Power Voltage (Vmp)	30.7V	30.8V	30.9V		
Maximum Power Current(Imp)	13.03A	13.16A	13.29A		
Open-circuit Voltage (Voc)	37.1V	37.2V	37.3V		
Short-circuit Current(Isc)	13.66A	13.81A	13.90A		
Module Efficiency(%)	20.21%	20.46%	20.71%		
Operating Temperature		-40 °C to 85 °C			
Maximum System Voltage		1500VDC			
Maximum Series Fuse Rating		20 A			
Application Class		Class A			
Power Tolerance		0~+5 W			
STC:Irradiance 1000W/m² , module temperature 25℃ ,AM=1.5					

#### Mechanical Characteristics

Solar Cell	Monocrystalline sillicon cell		
Cell Size	182×91mm		
No. of cells	108		
Module Dimensions	L:1735*W:1141*H:3 mm		
	L:1735*W:1141*H:18 mm(J-Box included)		
Weight	6.3kg		
Backsheet	White PV Backsheet		
J-Box	IP 67		
Output cables	4mm²		
Cable length	(+)/(-) 500 mm		
Connector	MC4 compatible		

## Temperature Characteristics

NOCT(Nominal Operating Cell Temperature)	41 ± 2°℃
Temperature Coefficient of Pmax	-0.38%/℃
Temperature Coefficient of Voc	-0.28%/℃
Temperature Coefficient of Isc	0.020%/℃

## Packaging

Container	20'GP	40'HQ	
Pieces per pallet	70	70	
Pieces per container	420	1820	

